

02/19/02  
JC872 U.S. PTO

02-22-02 A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 40]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets 13 ]
- Oath or Declaration [ Total Pages  ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
  - i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information

Examiner \_\_\_\_\_

Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

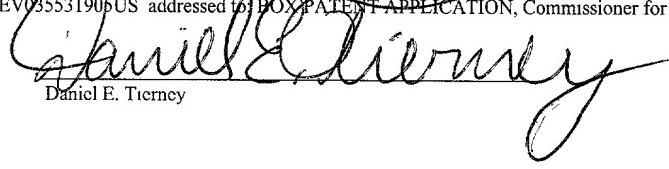
<input type="checkbox"/> Customer Number or Bar Code Label		<i>(Insert Customer No. or Attach bar code label here)</i>		<input type="checkbox"/> Correspondence address below	
Name	Paul J. Farrell, Esq.				
Address	DILWORTH & BARRESE, LLP 333 Earle Ovington Blvd.				
City	Uniondale	State	New York	Zip Code	11553
Country	U.S.A	Telephone	(516) 228-8484	Fax	(516) 228-8516
Name (Print/Type)	Paul J. Farrell		Registration No. (Attorney/Agent)	33,494	
Signature			Date	02/19/02	

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV035531905US addressed to BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.

Dated: February 19, 2002

Daniel E. Tierney

10/07/23  
JC87202/19/02  
JC872

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 824.00)

*Complete if Known*

Application Number	
Filing Date	Herewith
First Named Inventor	Yong-Jun KWAK
Examiner Name	
Group Art Unit	
Attorney Docket No.	678-807(P10026)

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **04-1121**  
Deposit Account Name **DILWORTH & BARRESE, LLP**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)****SUBMITTED BY**

Complete (if applicable)

Name (Print/Type)	Paul J. Farrell, Esq.	Registration No (Attorney/Agent)	33,494	Telephone	(516) 228-8484
Signature	<i>Paul J. Farrell</i>			Date	02/19/02

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV035531905US addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.  
Dated: 02/19/02

*Daniel E. Tierney*

**PATENT**  
**Atty. Docket No. 678-807(P10026)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
Washington, D.C. 20231

**UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Yong-Jun KWAK, Sung-Ho CHOI, Beong-Jo KIM,  
Ju-Ho LEE and sung-Oh HWANG

For: DPCCH MULTIPLEXING APPARATUS AND METHOD FOR OUTER  
LOOP POWER CONTROL IN W-CDMA COMMUNICATION SYSTEM

Enclosed are:

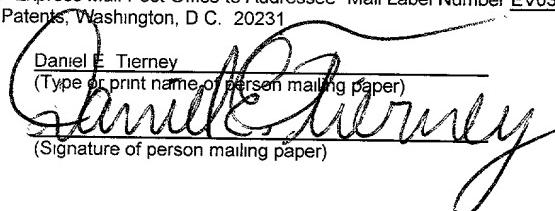
- [X] 36 page(s) of specification  
[X] 1 page(s) of Abstract  
[X] 3 page(s) of claims  
[X] 13 sheets of drawings [x] formal [ ] informal  
[ ] \_\_\_\_\_ page(s) of Declaration and Power of Attorney

**ASSIGNEE NAME:** SAMSUNG ELECTRONICS CO., LTD.

**ASSIGNEE RESIDENCE:** KYUNGKI-DO, KOREA

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date February 19, 2002 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV035531905US addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231

Daniel E. Tierney  
(Type or print name of person mailing paper)  
  
(Signature of person mailing paper)

- This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).:

FILING DATE

/

- Certified copy of application

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	2001-10172	February 19, 2001
Korea	2001-10951	February 20, 2001
Korea	2001-9082	February 22, 2001
Korea	2001-25208	May 9, 2001

from which priority under Title 35 United States Code, § 119 is claimed

is enclosed.

will follow.

#### CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$740.00
TOTAL CLAIMS	12	0	x 18 =	\$0.00
INDEPENDENT CLAIMS	4	1	x 84 =	\$84.00
<input type="checkbox"/> Multiple Dep. Claim			280	\$824.00
				<b>TOTAL \$824.00</b>

- Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$.

\*Includes all independent and single dependent claims and all claims referred to in multiple claims See 37 C F R. § 1 75(c)

- The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- Check in the amount of \$824.00 to cover the [ ] recording,  filing fee(s) are attached.
- Charge fee to Deposit Account No. 04-1121. Order No. \_\_\_\_\_  
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Respectfully submitted,



Paul J. Farrell  
Reg. No. 33,494  
Attorney for Applicant(s)

Date: February 19, 2002

DILWORTH & BARRESE, LLP  
333 Earle Ovington Blvd.  
Uniondale, NY 11553  
Tel. No. (516) 228-8484  
Fax. (516) 228-8516